

Please amend the claims as follows:

Claims 1-23 (Canceled).

Claim 24 (New): A tray component supply apparatus comprising:

a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;

a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position;

a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;

a main body side replenishment tray holding section provided at a part over or under the tray stocker of the apparatus main body for externally receiving and holding a replenishment tray which is a component supply tray loaded with components; and

a tray stocker side replenishment tray holding section provided at an upper or lower part of the tray stocker for slidably holding the replenishment tray; and

wherein the replenishment tray held by the main body side replenishment tray holding section is transferred to the tray stocker side replenishment tray holding section with the tray stocker side replenishment tray holding section positioned to a position close to the main body side replenishment tray holding section.

Claim 25 (New): A tray component supply apparatus comprising:

a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;

a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position;

a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;

a main body side replenishment tray holding section provided at a part over or under the tray stocker of the apparatus main body for externally receiving and holding a replenishment tray which is a component supply tray loaded with components;

a tray stocker side replenishment tray holding section provided at an upper or lower part of the tray stocker for slidably holding the replenishment tray; and

a tray transfer mechanism for transferring the replenishment tray held by the main body side replenishment tray holding section to the tray stocker side replenishment tray holding section with the tray stocker side replenishment tray holding section positioned to a position close to the main body side replenishment tray holding section.

Claim 26 (New): A tray component supply apparatus comprising:

a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;

a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position;

a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;

a main body side replenishment tray holding section provided at a part over the tray stocker of the apparatus main body for externally receiving and holding a replenishment tray which is a component supply tray loaded with components; and

a tray stocker side replenishment tray holding section provided at an upper surface of a top plate of the tray stocker for slidably holding the replenishment tray; and

a tray transfer mechanism for transferring the replenishment tray held by the main body side replenishment tray holding section to the tray stocker side replenishment tray holding section with the tray stocker side replenishment tray holding section positioned to a position close to the main body side replenishment tray holding section.

Claim 27 (New): The tray component supply apparatus as set forth in Claim 26, wherein the main body side replenishment tray holding section comprises a frame member formed to be rectangular and first replenishment tray holding members which are protruded from a pair of facing side plates of the frame member to be movable inward in the horizontal direction for holding the replenishment tray.

Claim 28 (New): The tray component supply apparatus as set forth in Claim 27, wherein the frame member is provided at an upper part of the apparatus main body to be drawably in the horizontal direction so that the replenishment tray is replenished with the frame member drawn out.

Claim 29 (New): The tray component supply apparatus as set forth in Claim 27, wherein the frame member is bodily provided at the upper part of the apparatus main body and wherein a top plate of the apparatus main body is constructed to be opened and closed so that the replenishment tray is replenished with the top plate opened.

Claim 30 (New): A tray component supply apparatus comprising:

a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;

a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position;

a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;

first replenishment tray holding members provided at a part over the tray stocker of the apparatus main body and each movable between a holding position for externally receiving and holding a replenishment tray which is a component supply tray loaded with components and a holding release position for releasing the holding;

a first replenishment tray holding member moving mechanism for moving the first replenished holding members between the holding position and the holding release position; and

second replenishment tray holding members provided at an upper surface of a top plate of the tray stocker for slidably holding the replenishment tray; and

wherein the first replenishment tray holding members and the second replenishment tray holding members are provided at respective positions not interfering with each other for making it possible to simultaneously hold the same replenishment tray.

Claim 31 (New): The tray component supply apparatus as set forth in Claim 30, wherein the first replenishment tray holding members are protruded to be movable inward from a pair of facing side plates of a frame member which is provided at an upper portion of the apparatus main body to be drawable horizontally so that the replenishment tray is mounted on the first replenishment tray holding members with the frame member drawn out.

Claim 32 (New): The tray component supply apparatus as set forth in Claim 31, wherein each of the second replenishment tray holding members includes plural members which are spaced on a straight line parallel to the direction in which the component supply tray is drawn out.

Claim 33 (New): A tray component supply apparatus comprising:

- a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;
- a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position;
- a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;
- a main body side replenishment tray holding section provided at a part under the tray stocker of the apparatus main body for externally receiving and holding a replenishment tray which is a component supply tray loaded with components; and
- a tray stocker side replenishment tray holding section provided at a lower part of the tray stocker for slidably holding the replenishment tray; and

wherein the replenishment tray held by the main body side replenishment tray holding section is transferred to the tray stocker side replenishment tray holding section with the tray stocker side replenishment tray holding section positioned to a position close to the main body side replenishment tray holding section.

Claim 34 (New): The tray component supply apparatus as set forth in Claim 33, wherein the tray stocker side replenishment tray holding section includes replenishment tray holding members movable between a holding position for slidably holding the replenishment

tray and a holding release position for releasing the holding, and wherein the tray component supply apparatus further comprises a replenishment tray holding member moving mechanism for moving the replenishment tray holding members between the holding position and the holding release position to move the replenishment tray held by the main body side replenishment tray holding section to the replenishment tray holding members.

Claim 35 (New): The tray component supply apparatus as set forth in Claim 33, wherein the main body side replenishment tray holding section is constituted to be drawable in the horizontal direction so that the replenishment tray is replenished with the main body side replenishment tray holding section drawn out.

Claim 36 (New): The tray component supply apparatus as set forth in Claim 33, wherein the replenishment tray held by the tray stocker side replenishment tray holding section is stored at a predetermined location in the tray stocker after drawn out once to the component delivery position.

Claim 37 (New): A tray component supply apparatus comprising:
a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;
a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position;
a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;

a main body side empty tray holding section provided at a part under or over the tray stocker of the apparatus main body and being capable of holding an empty tray which is a component supply tray emptied of components and of discharging the empty tray out; and

a tray stocker side empty tray holding section provided at a lower part or upper part of the tray stocker for slidably holding the empty tray; and

wherein the empty tray held by the tray stocker side empty tray holding section is transferred to the main body side empty tray holding section with the tray stocker side empty tray holding section positioned to a position close to the main body side empty tray holding section.

Claim 38 (New): A tray component supply apparatus comprising:

a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;

a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position;

a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;

a tray discharge section provided at a part under or over the tray stocker of the apparatus main body for holding an empty tray which is a component supply tray emptied of components and for discharging the empty tray out;

empty tray holding members provided on a lower surface of a bottom plate or an upper surface of a top plate of the tray stocker and movable between a holding position for slidably holding the empty tray and a holding release position for releasing the holding; and

an empty tray holding member moving mechanism for moving the empty tray holding members between the holding position and the holding release position to move the empty tray supported by the empty tray holding members to the tray discharge section.

Claim 39 (New): A tray component supply apparatus comprising:

a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;

a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position;

a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;

a tray discharge section provided at a part under the tray stocker of the apparatus main body for holding an empty tray which is a component supply tray emptied of components and for discharging the empty tray out;

empty tray holding members provided on a lower surface of a bottom plate of the tray stocker and movable between a holding position for slidably holding the empty tray and a holding release position for releasing the holding; and

an empty tray holding member moving mechanism for moving the empty tray holding members between the holding position and the holding release position to move the empty tray supported by the empty tray holding members to the tray discharge section.

Claim 40 (New): The tray component supply apparatus as set forth in Claim 39, wherein the empty tray holding member moving mechanism is provided beside the tray discharge section and moves the empty tray holding members to the holding release position

after the tray stocker is moved down to make the empty tray holding members come close to the tray discharge section.

Claim 41 (New): The tray component supply apparatus as set forth in Claim 39, wherein engaging portions of the empty tray holding members and engaging portions of the empty tray holding member moving mechanism are engageable and disengageable only in the vertical direction.

Claim 42 (New): A tray component supply apparatus comprising:

a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;

a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position;

a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;

a tray stocker side empty tray holding section provided at an upper part of the tray stocker for slidably holding an empty tray;

empty tray holding members provided at a part over the tray stocker of the apparatus main body and movable between a holding position for holding the empty tray which is a component supply tray emptied of components and a holding release position for releasing the holding; and

an empty tray holding member moving mechanism for moving the empty tray holding members between the holding position and the holding release position to move the empty tray held by the tray stocker side empty tray holding section to the empty tray holding members.

Claim 43 (New): The tray component supply apparatus as set forth in Claim 42, wherein the empty tray holding member moving mechanism is provided at an upper part of the tray stocker, and wherein the empty tray holding member moving mechanism moves the empty tray holding members to the holding release position when the tray stocker is moved upward to make the tray stocker side empty tray holding section come close to the empty tray holding members and moves the empty tray holding members to the holding position after the empty tray is moved to a transfer position.

Claim 44 (New): The tray component supply apparatus as set forth in Claim 42, wherein a top plate of the apparatus main body is constructed to be opened and closed so that the empty tray held by the empty tray holding members is taken out with the top plate opened.

Claim 45 (New): A tray component supply apparatus comprising:

- a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;
- a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position;
- a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;

wherein a main body side replenishment tray holding section for externally receiving and holding a replenishment tray which is a component supply tray loaded with components is provided at the uppermost end position on a moving locus of the tray stocker, while a tray discharge section for holding an empty tray which is a component supply tray emptied of

components and for discharging the empty tray out is provided at the lowermost end position of the moving locus; and

wherein the tray stocker is provided at its upper end part with a tray stocker side replenishment tray holding section for receiving and holding the replenishment tray transferred from the main body side replenishment tray holding section and at its lower end part with empty tray holding members for holding the empty tray to be discharged to the tray discharge section.

Claim 46 (New): A tray component supply apparatus comprising:

a tray stocker provided inside an apparatus main body to be movable in a vertical direction for storing plural component supply trays arranged in the vertical direction;

a tray stocker drive device for moving the tray stocker in the vertical direction to position the tray stocker to a predetermined position; and

a tray drawing mechanism for drawing a component supply tray stored in the tray stocker to a component delivery position;

wherein a main body side replenishment tray holding section for externally receiving and holding a replenishment tray which is a component supply tray loaded with components is provided at the lowermost end position on a moving locus of the tray stocker, while a main body side empty tray holding section capable of holding an empty tray which is a component supply tray emptied of components and of discharging the empty tray out is provided at the uppermost end position of the moving locus; and

wherein the tray stocker is provided at its lower end part with a tray stocker side replenishment tray holding section for receiving and holding the replenishment tray transferred from the main body side replenishment tray holding section and at its upper end

part with empty tray holding members for holding the empty tray to be moved to the main body side empty tray holding section.